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(54) Title: METHODS FOR PROCESSING GENOMIC INFORMATION AND USES THEREOF

(57) Abstract: Methods for processing and storing genomic information in a secure manner are described. In particular, methods for processing, splitting and storing genomic information or portions thereof are disclosed. An individual's genomic information is digitized and a splitting algorithm applied to fragment and randomise the digitized genomic information into at least two separate datasets. Access to at least one dataset is retained by the individual and the second dataset is stored on a central server as a secure database record. Each dataset in isolation presents uninformative data and it is only when all datasets are combined that the data is capable of being presented into a useable and informative format.

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